



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
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D4943-1**Job Sheet 193654****Part No:** D4943-1**Job Qty:** 12 pcs**Part Name:** Flex Hose**Part Weight:** 0 lbs**Status:** New**Priority:** Medium**Job Created:** 4/17/19**Job Tracking No:****Due Date:** 5/27/19**Created By:** Chantal Lavoie**Type:** Stock**Description:**

Note: DWG D4943 REV.D IPP REV.A NEW ISSUE JFS 13/09/19 VERIFY BY: DD IPP REV.B 14.05.05 AS PER DWG REV.B DD VERF BY:JLM IPP REV:C 14.06.18 AS PER DWG REV.C DD VERF:JLM IPP REV:D 19.04.15 AS PER DWG REV.D DD VERF:JFS

Ship Via:**Bill of Materials****Job Routing**

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter/Supplier	Sign-off
100	Purchasing	12 pcs	5/27/19	5/27/19	0.00	0.00	Purchasing - 1	JUN 0 9 2019
							Purchasing - 2	
							Purchasing - 3	
110	Packaging 2-1 - Receive - B4B	12 pcs	5/27/19	5/27/19	0.00	0.00	Packaging 2 - 1 - B4B	
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	JUN 0 9 2019
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	
							Packaging 2 - 7 - B4B	
							Packaging 2 - 8 - B4B	
							Packaging 2 - 9 - B4B	
							Packaging 2 - 10 - B4B	
							Packaging 2 - 11 - B4B	
							Packaging 2 - 12 - B4B	
							Packaging 2 - 13 - B4B	
							Packaging 2 - 14 - B4B	
							Packaging 2 - 15 - B4B	
							Packaging 2 - 16 - B4B	
							Packaging 2 - 17 - B4B	
							Packaging 2 - 18 - B4B	
							Packaging 2 - 19 - B4B	
							Packaging 2 - 20 - B4B	
							Packaging 2 - 21 - B4B	
							Packaging 2 - 22 - B4B	
							Packaging 2 - 23 - B4B	
							Packaging 2 - 24 - B4B	
							Packaging 2 - 25 - B4B	
							Packaging 2 - 26 - B4B	
							Packaging 2 - 27 - B4B	



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Container No: S187343**Part:** D4943-1**Job No:** 193654**Serial No/Batch:** S187343**Revision:** D**Inspector:****Exp Date:****Instructions:** Various STC's**Date:** 06/04/19

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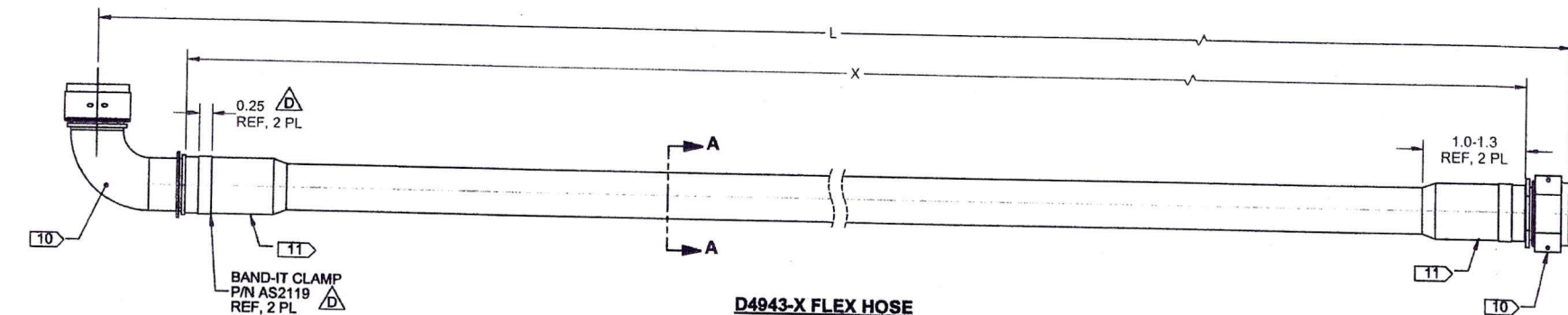
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
120	QC 6	12 pcs	5/27/19	0.00 0.00	QC 6 - 9
					QC 6 - 68
					QC 6 - 61
					QC 6 - 40
130	Packaging 3-1 - Stock - B4B	12 pcs	5/27/19	0.00 0.00	Packaging 3 - 1 - B4B
					Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B
					Packaging 3 - 6 - B4B
					Packaging 3 - 7 - B4B
					Packaging 3 - 8 - B4B
					Packaging 3 - 9 - B4B
					Packaging 3 - 10 - B4B
					Packaging 3 - 11 - B4B
					Packaging 3 - 12 - B4B
					Packaging 3 - 13 - B4B
					Packaging 3 - 14 - B4B
					Packaging 3 - 15 - B4B
					Packaging 3 - 16 - B4B
					Packaging 3 - 17 - B4B
					Packaging 3 - 18 - B4B
					Packaging 3 - 19 - B4B
					Packaging 3 - 20 - B4B
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					Packaging 3 - 22 - B4B
					Packaging 3 - 23 - B4B
					Packaging 3 - 24 - B4B
					Packaging 3 - 25 - B4B
					Packaging 3 - 26 - B4B
					Packaging 3 - 27 - B4B
					Packaging 3 - 28 - B4B
					Packaging 3 - 29 - B4B
					Packaging 3 - 30 - B4B
					Packaging 3 - 31 - B4B
					Packaging 3 - 32 - B4B
					Packaging 3 - 33 - B4B
					Packaging 3 - 34 - B4B
					Packaging 3 - 35 - B4B
					Packaging 3 - 36 - B4B
140	QC 21 - SA	12 pcs	5/27/19	0.00 0.00	QC 21 - SA - 21
					QC 21 - SA - 70

Part Op 100 - Purchasing - Issue P/O: _____ Purchase part #: 12EAS12S-03900F Possible supplier: AERO-FLEX
 Descriptions: Certificate of conformity is required
 110 - Receive & Inspect for Damage & Mat'l Certs - Certificate of conformity is required.
 120 - QC6- All purchased or subcontracted products
 130 - Identify as per dwg & Stock Location: _____
 140 - QC21- Final Inspection - Work Order Release

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
12EAS1S2-03900F	Flex Hose D4943-1	12 pcs (1 ea)	100-Purchasing	5187341
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	12EAS1S2-03900F	12	0	0
Part Specifications				
Specifications could not be found.				

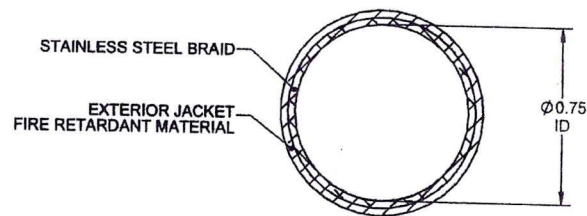
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SPECIFICATION CONTROL DRAWING



D4943-X FLEX HOSE

DART P/N	"L"	VENDOR	VENDOR P/N	WEIGHT	LENGTH OF EXTERIOR JACKET "X"
D4943-1	40.00	AERO-FLEX	12EAS12S-03900F OR 12EAS1S2-03900F	1.3 lbs	38" FREE LENGTH 37.1" INSTALLED LENGTH



**SECTION A-A
TUBE BUILD-UP**

NOTES:

- 1) MATERIAL: BRAID: STAINLESS STEEL PER MANUFACTURER
JACKET: FIRE RETARDANT MATERIAL PER MANUFACTURER
END FITTING: STAINLESS STEEL PER MANUFACTURER
- 2) FINISH: N/A
- 3) TOLERANCES: N/A
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: PER QSI 044 6.1.
- 7) WEIGHT: SEE TABLE
- 8) MAXIMUM OPERATING TEMPERATURE 500°F
- 9) MAXIMUM OPERATING PRESSURE 120 PSI
- 10) END FITTING REQUIREMENTS: FEMALE, 3/4, 37° JIC FITTING (THREAD 1-1/16 UN), WITH LOCKWIRE HOLES
- 11) OXIDE-RED FIRE SLEEVE END DIP PER MIL-A-48146 AND NAV. AIR 01-1A-20

RELEASED

2019 APR 11
ENR-655

D	ADDED NOTE 11, REVISED TABLE, REF CAR 18-205	VS	19.03.12
C	SEE CHART ADDED ADDITIONAL ACCEPTABLE P/N	AJS	14.05.01
B	SEE CHART: VENDOR WAS SWAGELOK, VENDOR P/N WAS SS-FJ12TA12AS12-40F. REASON: VENDOR CHANGED FOR LEADTIME ISSUES.	AJS	14.03.14
A	NEW ISSUE	AJS	13.09.18
REV.	DESCRIPTION	BY	DATE
DESIGN	AS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. D4943 FLEX HOSE THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DRAWN	VS		
CHECKED	PM		
MFG. APPR.	SH		
APPROVED	VS		
DE APPR.	DS	REV. D SHEET 1 OF 1 SCALE NTS	
DATE	19.03.12		

APPROVED



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PURCHASE ORDER PO043232



Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)

A012 CHEMICAL AND PHYSICAL TEST REPORTS

A016 PERSONNEL QUALIFICATION

A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Plex 5/2/19 6:25 AM dart.belanger.natasha

Aero-Flex Corp.**3147 Jupiter Park Circle
Jupiter FL 33458**Phone# 561-745-2534 Fax# 561-745-2537
www.aero-flex.aero**Packing Slip****Certificate of Conformance**

Date	Invoice #
5/31/2019	3182

Bill To Dart Aerospace Ltd 1270 Aberdeen Street Hawkesbury, ON K6A 1K7	Ship To Dart Aerospace Ltd 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Canada
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AF S.O. #	Customer P.O. #	Ship Date	Via	FOB	Project
PO043232	PO043232	5/1/2019	FED EX Overnigh		

Quantity	Item	Part Number/Rev	Description
27	1	D4943-1	FLEX HOSE ASSEMBLY - AF#12EAS1S2-03900F DAS 61 9-88

We hereby certify the above parts, including all materials, have been manufactured, tested and packed in conformance with all requirements of your order and the applicable government specifications and standards. Records of tests, inspections and certification indicating the above conformance are on file at Aero-Flex Corp. available for examination. It is hereby certified that any parts identified with TSO identification (a) were produced under Federal Aviation Administration (FAA) approved manufacturing and quality control system/methods as set forth in the FAA issued Technical Standard Order authorizations (TSO), and (b) such parts and/or materials are new and are in condition for safe operation. If applicable, satisfactory compliance with the conditions and tests required for TSO approval indicates the hose assembly has met the minimum performance standards in this TSO.

It is the responsibility of those desiring to install this hose assembly on an aircraft or engine to determine that the installation will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved. The hose assembly may only be installed in a manner acceptable to, or approved by, the Administrator.

The above commodities are subject to the Export Administration Regulations (EAR) and/or International Traffic in Arms Regulations (ITAR). If applicable, it is your responsibility to obtain a validated export license for this material from the Department of Commerce or the Department of State if so required under the applicable U.S. Govt. Export Control Regulation. The above material shall not be shipped to any country that has an embargo placed on it by the U.S. Govt or any entity on the U.S. Debarred list. By accepting the items on this PackSlip/C of C/Invoice you agree to Aero-Flex Corp's Terms and Conditions of Sale. These commodities, technology or software were exported from the United States in accordance with Export Administration Regulations. Diversion contrary to U.S. law is prohibited. These items may not be used directly or indirectly in prohibited nuclear, chemical, biological, or missile weapon activities.

**Michael E. Scott
Quality Manager**Form 4QF015-01
REV C